

## ORDINANCE C-30-07

### AN ORDINANCE TO APPROPRIATE \$49,400.00 FROM THE GENERAL FUND FOR THE CURRENT EXPENSE OF STORM WATER ENGINEERING

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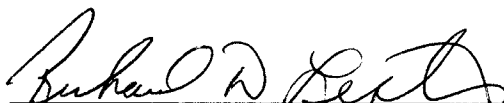
WHEREAS, it is necessary for the health, safety and general welfare of the Grove City community that a revised flood plain analysis for West of Front Street-Grove City Creek and West Water Run, dated February 1999, be updated; and

WHEREAS, the findings of this revised study will be used to apply for a revision of the FEMA Flood Insurance Rate Map.

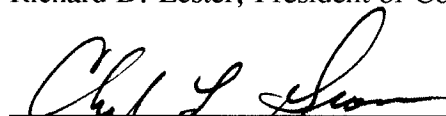
NOW, THEREFORE, BE IT ORDAINED BY THE COUNCIL OF THE CITY OF GROVE CITY, STATE OF OHIO, THAT:

SECTION 1. There is hereby appropriated \$49,400.00 from the unappropriated monies of the General Fund for the current expense of storm water engineering.

SECTION 2. This ordinance appropriates for current expenses and shall therefore go into immediate effect.


  
Richard D. Lester, President of Council

Passed: 04-16-07

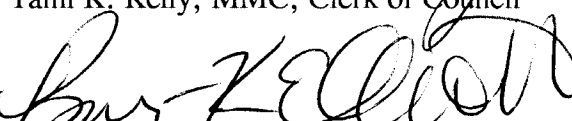
  
Cheryl L. Grossman, Mayor

Effective: 04-16-07


Attest:

  
Tami K. Kelly, MMC, Clerk of Council

I Certify that this ordinance is correct as to form.

  
Bryan K. Elliott, Director of Law

I certify that there is money in the treasury, or is in the process of collection, to pay the within ordinance.

  
Robert E. Behlen, Director of Finance



Evans, Mechwart, Hambleton & Tilton, Inc.  
Engineers, Surveyors, Planners, Scientists

FE: B-30-07

January 10, 2007

Ms. Sharon Reichard  
City Administrator  
City of Grove City  
4035 Broadway  
Grove City, OH 43123

**Re: Proposal for Professional Engineering Services; Flood  
Hazard Assessment for West Water/Republican Run**

Dear Ms. Reichard:

Evans, Mechwart, Hambleton & Tilton, Inc. (EMH&T) is pleased to submit for your consideration a proposal for professional services for a floodplain study and associated efforts to determine the impact of recently constructed regional detention facilities on the elevations and extents of the floodplain of West Water Run (also known as Republican Run). The proposed revision area is shown on the Flood Insurance Rate Map (FIRM) for Franklin County and Incorporated Areas, Number 39049C, Panels 0238G and 0239G, both dated August 2, 1995.

We anticipate that a request for a Letter of Map Revision (LOMR) will be submitted to the Federal Emergency Management Agency (FEMA) for this project. A LOMR application is required to change the published elevations and extents of the floodplain and floodway of a stream.

**SCOPE OF SERVICES**

The following are the individual tasks necessary to provide a completed flood hazard impact assessment for the proposed project.

**1. Floodplain Analysis**

The revised floodplain analysis will build upon information obtained during the previous study of the watershed that EMH&T performed in 1999 (*Stormwater System Improvements for: West of Front Street-Grove City Creek and West Water Run*, dated February 1999). The previous study included a detailed analysis of the hydrology of the watershed within the Natural Resource Conservation Service (NRCS) TR-20 computer program. The TR-20 analysis of the watershed will be transferred to Haestad Methods Pond Pack computer program and will be updated to include any new development that has occurred since 1999, including the recently completed regional detention basin west of Demorest Road. The 1999 study also included a limited floodplain analysis of the area between Demorest Road and Broadway within the U.S. Army Corps of Engineer's HEC-2 computer program. The revised study will update the 1999 model to the USACE HEC-RAS computer program and will be extended downstream to the point where West Water Run crosses under Hoover Road, just north of Stringtown Road. The revised

hydraulic analysis of West Water Run will include limited field surveying of cross sections and roadway crossings of the stream in areas where development has occurred since the original publication of flood hazard information. The analysis will include a detailed delineation of the 100-year floodplain of West Water Run for the entire length of the project. In addition, a revised floodway will be calculated and mapped for the project reach.

## 2. LOMR Application

If the revised floodplain modeling described above determine that the FIRMs should be revised to account for increases or decreases in the existing flood hazard area, then EMH&T will proceed with the preparation of a request to FEMA for a LOMR. This request must include the items listed below:

- **Application/Certification Forms**  
FEMA requires that applications of this nature be accompanied by forms that are completed to represent the nature of the physical changes associated with the proposed project and the results of the floodplain modeling. These forms must be signed by the appropriate community official as part of the submission of the application to FEMA.
- **Annotated Flood Insurance Study (FIS) Materials**  
The summary engineering report will include a revised FIS Flood Profile, Floodway Data Table and annotated FIRM as required by FEMA, demonstrating the proposed revised flood hazard information.
- **Public Notification**  
FEMA requires evidence of individual notification to each of the property owners affected by any increase in existing flood hazards (if they are found to exist) attributed to the revised information. For this purpose, EMH&T will provide a certified mail letter to each impacted property owner.

The tasks described above are those necessary to provide a flood hazard assessment of the stream.

## FEE PROPOSAL

EMH&T proposes to perform all of the individual tasks described in the scope of services for an amount not to exceed the fees described below. For the purpose of this proposal, we assume that there will be up to three (3) meetings with the City of Grove City.

<u>Task Description</u>	<u>Proposed Fee</u>
Floodplain Analysis	\$36,000
LOMR Application (FEMA)	\$9,000
<b>Total Fee:</b>	<b>\$45,000</b>

The fee does not include the \$4,400 application fee imposed by FEMA.

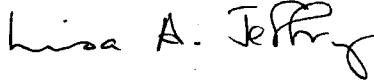
## SCHEDULE

EMH&T is prepared to begin work on this project upon receipt of approval of this proposal and notice to proceed.

EMH&T appreciates the opportunity to submit this proposal and we look forward to working with you on this project. Should you have any questions or wish to discuss further the scope of services, please do not hesitate to contact us.

Respectfully Submitted,

EVANS, MECHWART, HAMBLETON & TILTON, INC.



Lisa A. Jeffrey, P.E., CFM  
Project Manager

Encl: EMH&T Terms & Conditions

Cc: Mayor Cheryl Grossman  
Mr. Mike Boso, Chief Building Inspector

**Accepted by:**

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Print or Type Name

\_\_\_\_\_  
Date